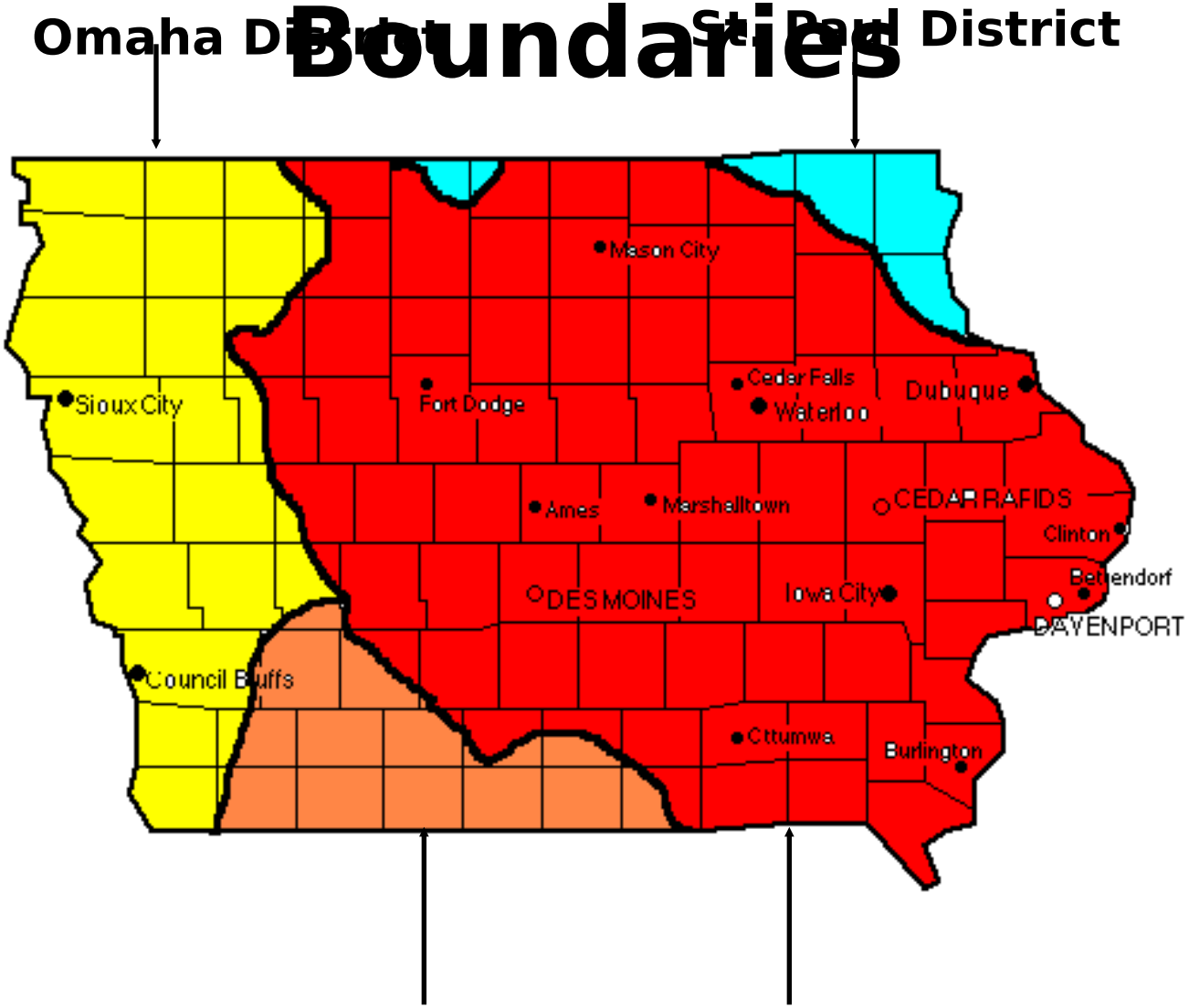
*Presentation To*

# *State of Iowa Officials*

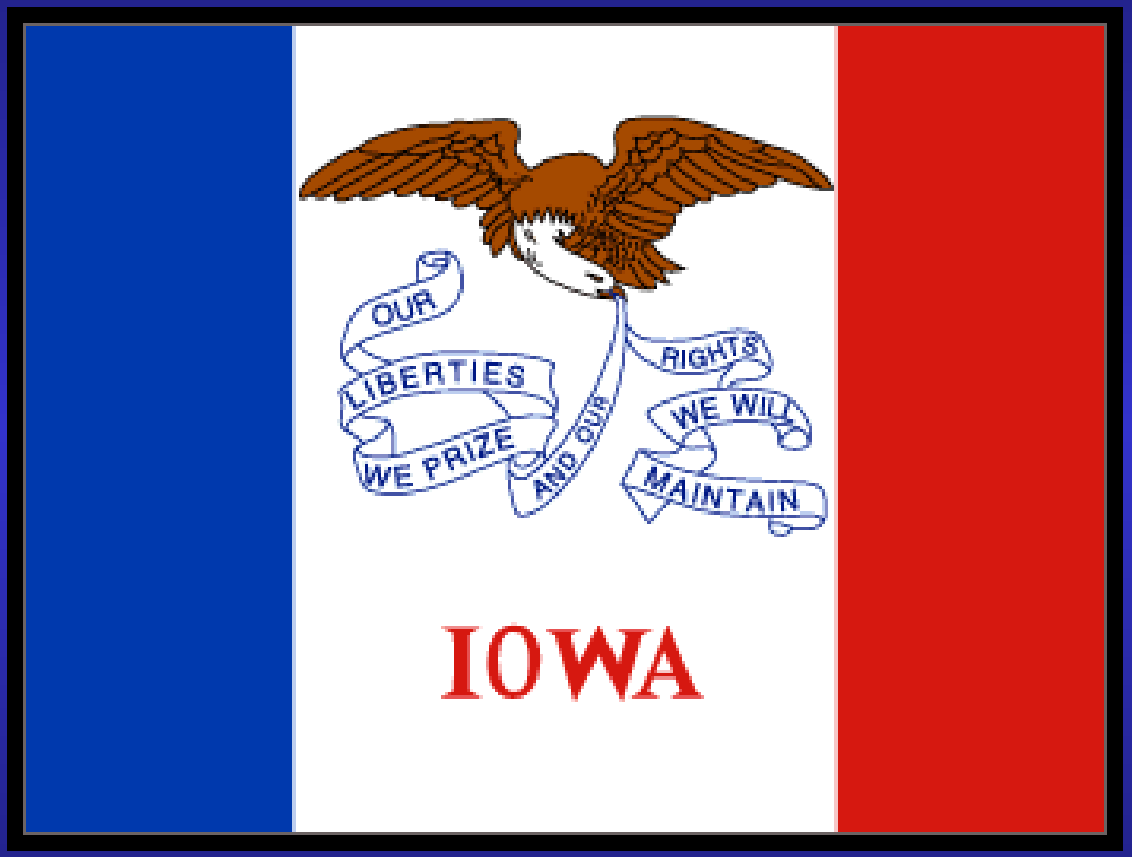
*March 14, 2005*

# Geographical Boundaries



# Today's Speakers

US Army Corps of Engineers®



*Presentation*
*To The*

# *State of Iowa Officials*

*By*
*Colonel Duane Gapinski, P.E.*
*Commander, Rock Island District*

*March 14, 2005*

US Army Corps of Engineers®

# Rock Island District

- Primarily A Civil Works District
- 78,000 Square Miles
- Portions Of 5 States
- Operate 582 Miles Of 9-foot Navigation Channel
- 20 Locks And Dams
- 2nd Longest Navigation Channel Of Any Corps District
- 2nd Largest Number Of Locks Of Any Corps District

US Army Corps of Engineers®

# FY2006 Budget ($1,000)

| | Pres Budget | Capability |
|---|---|---|
| General Investigations | $ 1,812 | $ 28,786 |
| Construction, General | $60,082 | $103,628 |
| Operations & Maintenance | $83,186 | $130,886 |

**Notes:**

- GI Includes Miscellaneous GI Items
- CG Includes Inland Waterways Trust Fund, Total EMP (3 Districts), and CAP

US Army Corps of Engineers®

# General Investigations for the State of Iowa FY 2006 Budget ($1,000)

| | Pres Budget | Capability |
|---|---|---|
| • Davenport | $ 0 | $ 319 |
| • Des Moines & Raccoon Rivers (PED) | $ 0 | $ 414 |
| • UMR Comprehensive Plan | $ 0 | $ 1,101 |
| • UMR & IL Navigation Study (PED) | $ 0 | $24,000 |
| • Clear Lake | $ 0 | $ 400 |
| • Misc. GI | $ 300 | $ 300 |

US Army Corps of Engineers®

# Upper Mississippi River-Illinois Waterway System Navigation Study aka Navigation & Environmental Sustainability Program

- ***Issue***: No Authorization. Not Included in the Administration's FY06 Budget.

- ***Last Event***: Chief's Report Signed (Dec. 2004), Forwarding Final Report Documentation & Draft Record of Decision to ASA(CW)
- ***Next Event***: Public Meetings in May 2004 at Locks 22 & 25 to Present Initial Designs, P&S for the New 1,200' Locks & Potential Fish Passage Structures
- ***FY05 Appropriation***: $355,000 (Feas) $13,500,000 (PED)
- ***FY06 Budget***: $0
- ***Scheduled Completion Date***: FY2020 (Contingent on Authorization)
- ***Estimated Construction Start Date***: FY2006 (Contingent on Authorization)

US Army Corps of Engineers®

# Navigation Implementation

## $2.03 Billion in First 15 Years (CG/IWTF)

- Mooring Facilities @ Locks 12, 14, 18, 20, 22, 24 & LaGrange*
- Switchboats @ Locks 20-25*
- Adaptive Implementation of 1200’ Chambers at Locks 20-25 (22*, 25*), La Grange* & Peoria
- Mitigation for Site Specific & System Effects
- Continued Study & Monitoring

* FY05 New Starts

US Army Corps of Engineers®

# Ecosystem Restoration Implementation

## $1.58 Billion In First 15 Years

- Fish Passage @ Dams 4, 8, 22* & 26*
- Changes In Water Level Control @ Dams 25 And 16 (25*)
- Adaptive Implementation of 225 Small Projects Of Less Than $25 Million Each
  - Island Building
  - Water Level Management
  - Backwater/Side Channel Restoration
  - Wing Dam/Dike Alterations
  - Island Shoreline Protection
- 35,000 Acres of Floodplain Restoration
- Continued Study & Monitoring

* FY05 New Starts

US Army Corps of Engineers®

# FY05 Implementation Plan

- FY05 Work Allowance $11.3 M (Congressional Add)
- DRAFT FY05 Workplan 32 New Projects
- Programmatic Projects (5) $1.9M
- Navigation Efficiency Projects (8) $4.8M
- Ecosystem Restoration Projects (19) $4.6M
- Primary Activities Focused on:
  - Decision Documents (Planning)
  - Engineering And Design
  - Collection Of Pre-project Monitoring Data
  - Site Specific Evaluations

US Army Corps of Engineers®

# Construction, General for the State of Iowa FY2006 Budget ($1,000)

| | Pres Budget | Capability |
|---|---|---|
| EMP (3 District Total) | $33,500 | $33,500 |
| Lock 19 (MR)* $17,502 | | $17,502 |
| Lock 11 (MR)* | $ 7,580 | $10,900 |
| Greenbelt | $ 0 | $ 8,000 |
| Davenport | $ 0 | $ 126 |
| Nav. Improvements** $16,200 | $ 0 | |
| CAP | $ 1,500 | $ 9,000 |

* Includes Inland Waterways Trust Fund.
** Requires Construction Authorization.

US Army Corps of Engineers®

# Continuing Authorities Program
# Sections 1135 & 206

| | FY05 Funding | FY06 Need |
|---|---|---|
| **Section 1135** | | |
| • Big Creek Spillway | $ 89,000 | $ 75,000 |
| **Section 206** | | |
| • Duck Creek | $ 76,000 | $350,000 |
| • Iowa River/Clear Creek | $ 99,600 | $300,000 |
| • Storm Lake | $ 9,000 | $100,000 |
| • Whitebreast Creek $372,000 | $ 0 | |
| • Ventura Marsh | $140,600 | $165,000 |

US Army Corps of Engineers®

# Continuing Authorities Program
# Section 14 & 205

| | FY05 Funding | FY06 Need |
|---|---|---|
| **Section 14** | | |
| • Ackley, Beaver Creek | $ 0 | $ 0 |
| • Iowa City/Iowa River/Dubuque St. | | $ 0 $250,000 |
| • Keosauqua, Des Moines R. | $ 0 | $ 60,000 |
| • Monroe Co., Coal Creek | $ 0 | $ 60,000 |
| • Panora, Raccoon R. | $45,000 | $117,000 |
| • Roland, Bear Creek | $ 0 | $ 60,000 |
| • Sac & Fox Tribe, Iowa R. | $27,000 | $380,000 |
| **Section 205** | | |
| • Cedar Rapids, Indian & Dry Run | $150,000 | $ 300,000 |
| • Cedar Rapids (Time Check) | $ 74,000 | $ 300,000 |
| • LaPorte City, Wolf Creek | $ 55,000 | $ 0 |
| • Dubuque, L. Maquoketa R. | $ 45,000 | $ 150,000 |
| • Manchester, Maquoketa R. | $ 0 | $ 0 |
| • Maquoketa, Maquoketa R. | $ 14,000 | $ 150,000 |
| • Mason City, Winnebago R. | $ 0 | $ 100,000 |
| • Muscatine, Mad Creek | $ 67,000 | $1,500,000 |

US Army Corps of Engineers®

# Operations & Maintenance for the State of Iowa FY2006 Budget ($1,000)

| | Pres Budget | Capability |
|---|---|---|
| • Mississippi River | $48,107 | $71,957 |
| • Saylorville | $ 3,952 | $10,088 |
| • Red Rock | $ 3,415 | $ 5,529 |
| • Coralville | $ 2,537 | $ 3,937 |
| • Davenport SBH | $ 0 | $ 82 |

US Army Corps of Engineers®

# FY2006 Mississippi River Project President's Budget -- $48,107K

**Additional $23.85M Repair Capability:**

- **Major Maintenance At Lock 19 -- $2.5M**
- **L/D 18 Miter Gate Replacement -- $3M**
- **Major Maintenance At L/D 11 -- $3M**
- **Checkpost Repairs At 3 Sites -- $300K**
- **Rehab L/D 15 Hyrdopower Turbine -- $450K**
- **DMMP Plans, Design, Implementation, & Maintenance -- $1.6M**
- **Dredging -- $1M**
- **Dam 18 Concrete Work -- $5M**
- **Repair/Rehab L/D 12 (Major Maintenance) -- $4M**
- **LeClaire Base Project Office -- $2M**
- **Interim Security Measures -- $1M**

US Army Corps of Engineers®

# Saylorville Lake
# President's Budget -- $3,952K

**Project Basic Service Level Shortfall Of $871K.**

**Additional Capability For Repairs $10.088M:**

- **Barrier Dam Pump Replacement -- $800K**
- **Marina Boat Ramp Replacement – $865K**
- **Neal Smith Trail Repairs -- $3.6M**

US Army Corps of Engineers®

# Lake Red Rock
# President's Budget -- $3,415K

**Project Basic Service Level Shortfall Of $864K.**

**Additional Capability For Repairs $5.529M:**

- **Bulkhead Design And Procurement -- $1M**
- **Rim Erosion Repairs -- $250K**

US Army Corps of Engineers®

# Coralville Lake President's Budget -- $2,537K

**Project Basic Service Level Shortfall Of $1.2M.**

**Additional Capability For Repairs $3.937M:**

- **Erosion Repair At Tailwater East -- $200K**

US Army Corps of Engineers®

# Regulatory Program

## Average Annual Permit Actions in the Rock Island District

| | |
|---|---|
| Individual Permits | 133 |
| Permit Denials | 5 |
| Letters of Permission | 31 |
| Regional Permits | 42 |
| Nationwide Permit Verifications | 1,171 |
| No Permit Required Determinations | 313 |
| Total Yearly Permit Actions | |

US Army Corps of Engineers®

# Points of Contact

- **Construction**
  Dan Holmes, Chief
  309-794-5480
- **Contracting**
  Rhonda Johanson, Chief
  309-794-5488
- **Engineering**
  Denny Lundberg, Chief
  309-794-5226
- **Operations**
  Kenn Shoemaker, Chief
  309-794-5501
- **Planning, Programs & Project Management**
  Gary Loss, Chief
  309-794-5260
- **Regulatory**
  Donna Jones, Acting Chief
  309-794-5371

**Rock Island District Website: www.mvr.usace.army.mil**

*Presentation*
*To The*

# *State of Iowa Officials*

*March 14, 2005*